

Cite

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-048826

(43)Date of publication of application : 20.02.1998

(51)Int.Cl.

G03F 7/039  
C08K 5/00  
C08L 25/18  
C08L101/00  
H01L 21/027

(21)Application number : 08-354985

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(22)Date of filing : 20.12.1996

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(30)Priority

Priority number : 07349768

Priority date : 21.12.1995

Priority country : JP

08156233

28.05.1996

08160840

31.05.1996

JP

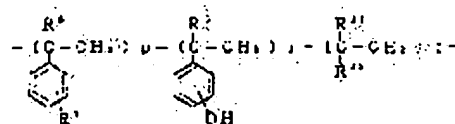
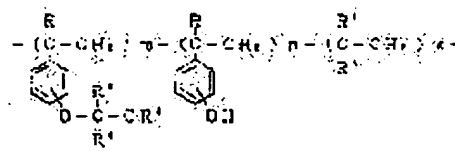
JP

(54) POLYMER COMPOSITION AND RESIST MATERIAL CONTAINING SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a resist material having high transparency and high sensitivity to UV, high heat resistance, satisfactory adhesion to a substrate and high resolving power by incorporating two kinds of polymers each contg. specified monomeric units as a constituent.

SOLUTION: This polymer compsn. contains a polymer represented by formula I and contg. monomeric units each having a functional group (A) easily convertible into an alkali-soluble group by a chemical change by heating in the presence of an acid as a constituent and a



polymer represented by formula II and contg. monomeric units each having a functional group (B) having the same property as the group A but less liable to a chemical change than the group A as a constituent. In the formula I, R is H or lower alkyl, R1 is H or lower alkyl, each of R2 and R3 is H, etc., R4 is optionally halogen substd. alkyl or aralkyl and R5 is cyano, etc. In the formula II, R6 is H or lower alkyl, R7 is H, etc., R21 is H, etc., and R22 is cyano, etc.

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#### LEGAL STATUS

[Date of request for examination] 04.04.2001

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3409619

[Date of registration] 20.03.2003

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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